

PROVEN POWER TO DRIVE YOUR BUSINESS.

QSK60G GAS GENERATOR SERIES



ALWAYS ON

GAS POWERED SOLUTIONS SHAPED AROUND YOU

RELIABLE

Cummins works in partnership with you, providing services and expertise from design to installation and beyond, depending on your requirements. So whatever your industry or application, you obtain a power solution geared to your needs. Combining proven robustness with high efficiency, our durable QSK60G gas generator series provides reliable, economical and low emissions for your diverse needs.

FLEXIBLE

With power ratings of 995 kW_e to 1540 kW_e, our 50 Hz and 60 Hz QSK60G series runs on natural gas and biogas whilst delivering world-class dependability across a broad range of applications, from prime power for remote and challenging locations to utility peaking, cogeneration and more.

ECONOMICAL

The QSK60G series provides exceptional reliability coupled with low maintenance costs per kWh and excellent fuel efficiency. The result is lower total cost of ownership, predictable cost management, valuable fuel cost savings and faster payback.



APPLICATIONS



COGENERATION



TRIGENERATION



PRIME/CONTINUOUS
POWER



PEAK POWER



GRID PARALLEL



ISLAND MODE

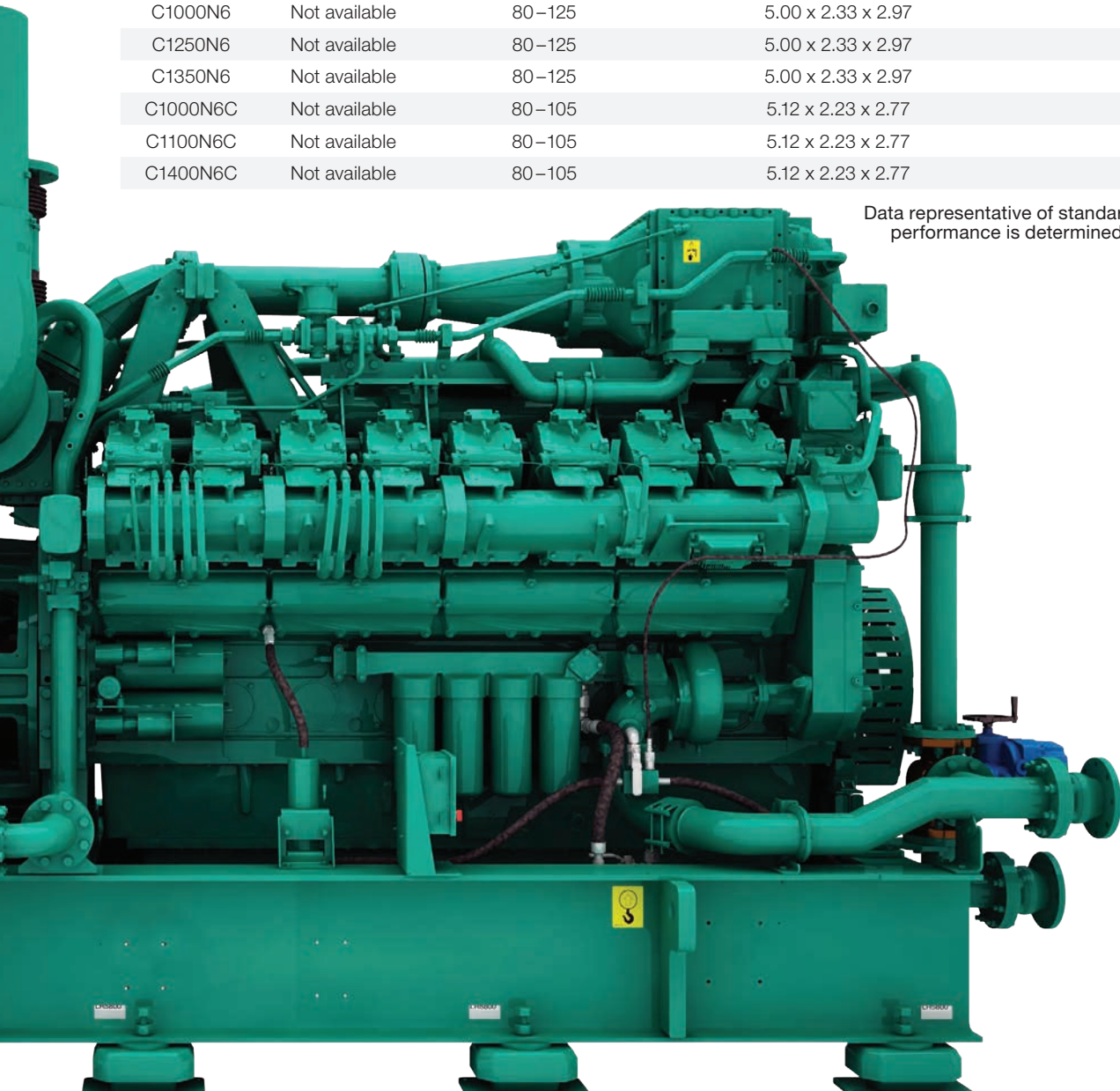
50HZ RANGE SPECIFICATIONS

Genset Model	Grid Compliance	Temperature Rise Deg. C	Generator Set Dimensions m (LxWxH)	NOx Emissions mg/Nm ³
C995N5C	Available	80–105	5.12 x 2.23 x 2.77	250–500
C1160N5C	Not available	80–105	5.00 x 2.33 x 2.97	350–500
C1200N5C	Available	80	5.12 x 2.23 x 2.77	250–500
C1400N5C	Available	80–105	5.12 x 2.23 x 2.77	250–500
C1540N5CC	Available	80–105	5.12 x 2.23 x 2.84	250–500

60HZ RANGE SPECIFICATIONS

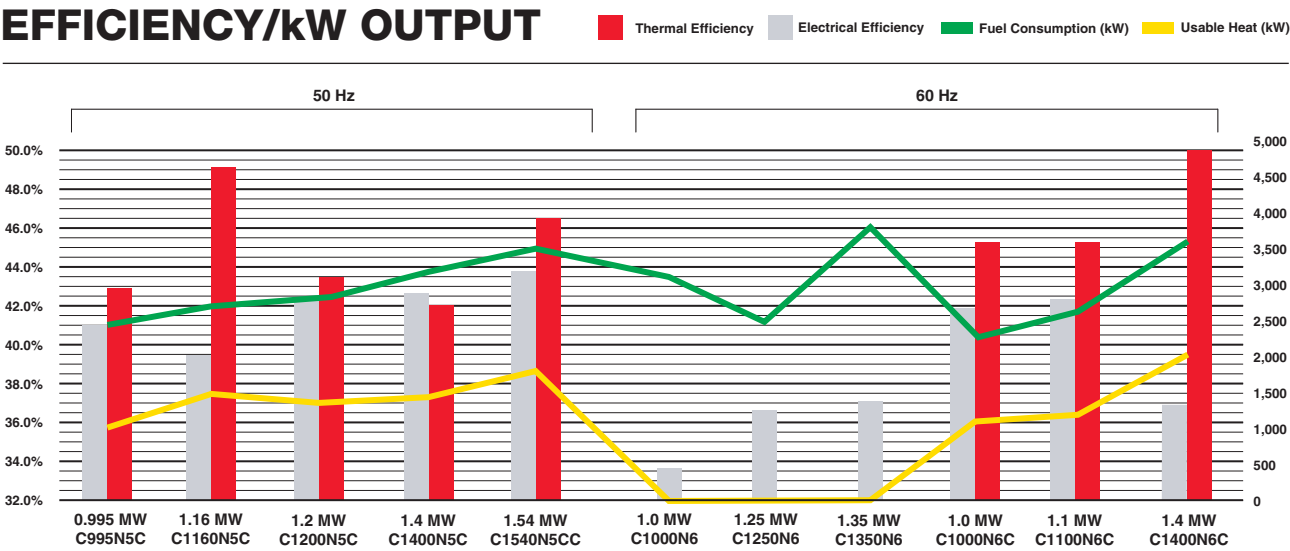
Genset Model	Grid Compliance	Temperature Rise Deg. C	Generator Set Dimensions m (LxWxH)	NOx Emissions g/hp-hr
C1000N6	Not available	80–125	5.00 x 2.33 x 2.97	1.0
C1250N6	Not available	80–125	5.00 x 2.33 x 2.97	1.0
C1350N6	Not available	80–125	5.00 x 2.33 x 2.97	1.0
C1000N6C	Not available	80–105	5.12 x 2.23 x 2.77	0.5–1.0
C1100N6C	Not available	80–105	5.12 x 2.23 x 2.77	0.5–1.0
C1400N6C	Not available	80–105	5.12 x 2.23 x 2.77	0.7–1.0

Data representative of standard configuration: actual performance is determined on a per project basis.



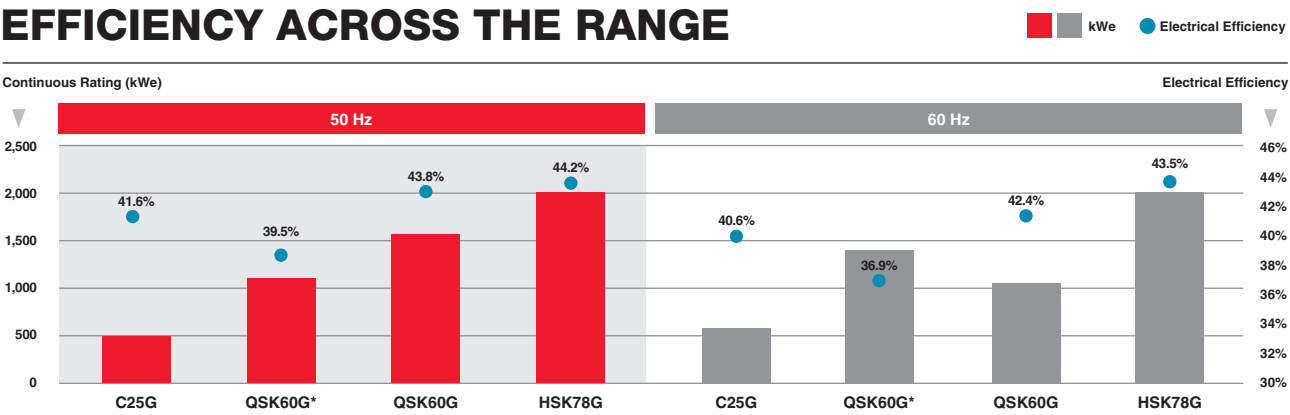
SUPERIOR FUEL EFFICIENCY

EFFICIENCY/kW OUTPUT



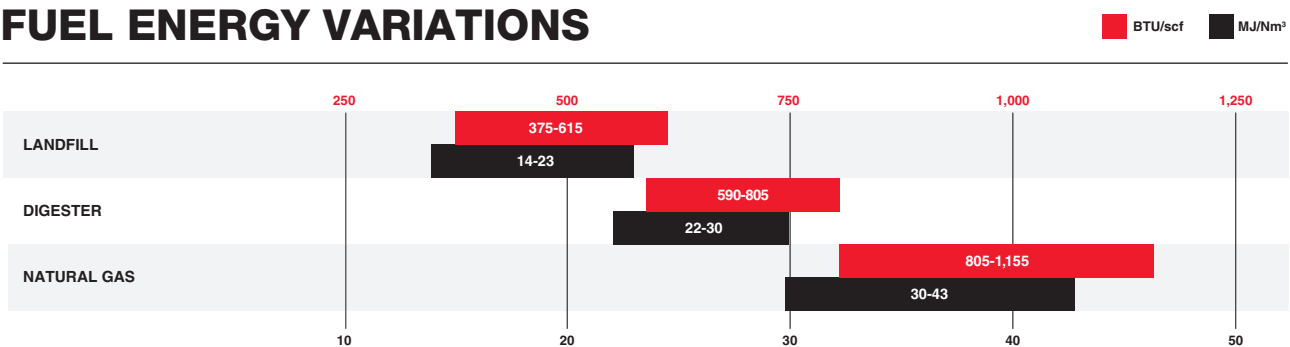
Data Reflects NOx emissions ratings of 500mg/Nm3

EFFICIENCY ACROSS THE RANGE



* Twin-turbo models

FUEL ENERGY VARIATIONS



EXCEEDING YOUR NEEDS FROM YOUR ONE POWER PARTNER

UP TO 49% STEP LOAD

The QSK60G generator sets provide superior performance of load pickup transient capability, resulting in fewer voltage and frequency disturbances and faster recovery times, thus creating a more stable electric supply for your power needs.

UP TO 10 YEARS

As power generation experts and project specialists, we provide product warranties as standard with our operation and maintenance plans, giving you the certainty that your power investment is protected, today and tomorrow.

100% REJECTION LOAD

The QSK60G series comes with multiple turbocharger configurations to match your specific needs.

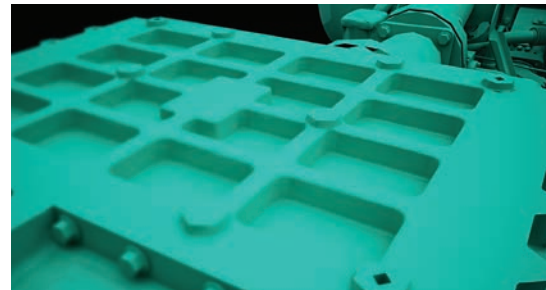
Our models with multi turbochargers are designed to deliver outstanding transient stability with the capability to manage large load swings with supreme ease, speed and responsiveness.

UP TO 43.8% ENERGY EFFICIENT

Supplying electrical efficiency of up to 43.8% and **NOx exhaust emissions as low as 250mg/Nm³ (0.5g/hp-hr)**, the QSK60G series combines proven high performance with reduced carbon impact, which drives **90%+ of energy efficient solutions**.

OVER 2GWE INSTALLED GLOBALLY

When you need dependable, efficient gas fueled power, Cummins QSK60G series delivers on every count, anywhere in the world.



CASE STUDIES

DESMET GREENHOUSE, BELGIUM

Cummins provided a 2.7MW thermal power solution which delivered on agreed levels of electrical and thermal energy without the capital cost of ownership.

Desmet has plans to expand the system with a second CHP installation. Space was allocated in the cogeneration room to incorporate this as part of the overall project design.



LA TROBE UNIVERSITY MELBOURNE, AUSTRALIA

Cummins installed a Trigeneration system at the university's AgriBio facility. The generator is coupled with an absorption chiller which takes heat energy from the gas engine's exhaust gases and converts it into chilled water used to run the facility's air-conditioning systems.

As a result of the installation, the AgriBio facility met requirements by reducing carbon emissions and increasing energy efficiency.



INTERNATIONAL AIRPORT HUNAN, CHINA

Cummins installed a Trigeneration system, which is comprised of 2x C1160N5C lean-burn gas generator sets, providing 2.3MW of power output.

As a result of the installation, the airport dramatically increased their economic and environmental savings, with a reduction of CO² emissions by 4400 tons.



ARUP LABORATORIES UTAH, USA

Cummins installed 3x 1MW C1000N6 lean-burn gas generator sets configured in parallel.

With automatic operation and the high availability of pipeline natural gas eliminating the risk of delivery disruption, the system provides the client with complete reassurance that power is always at hand.



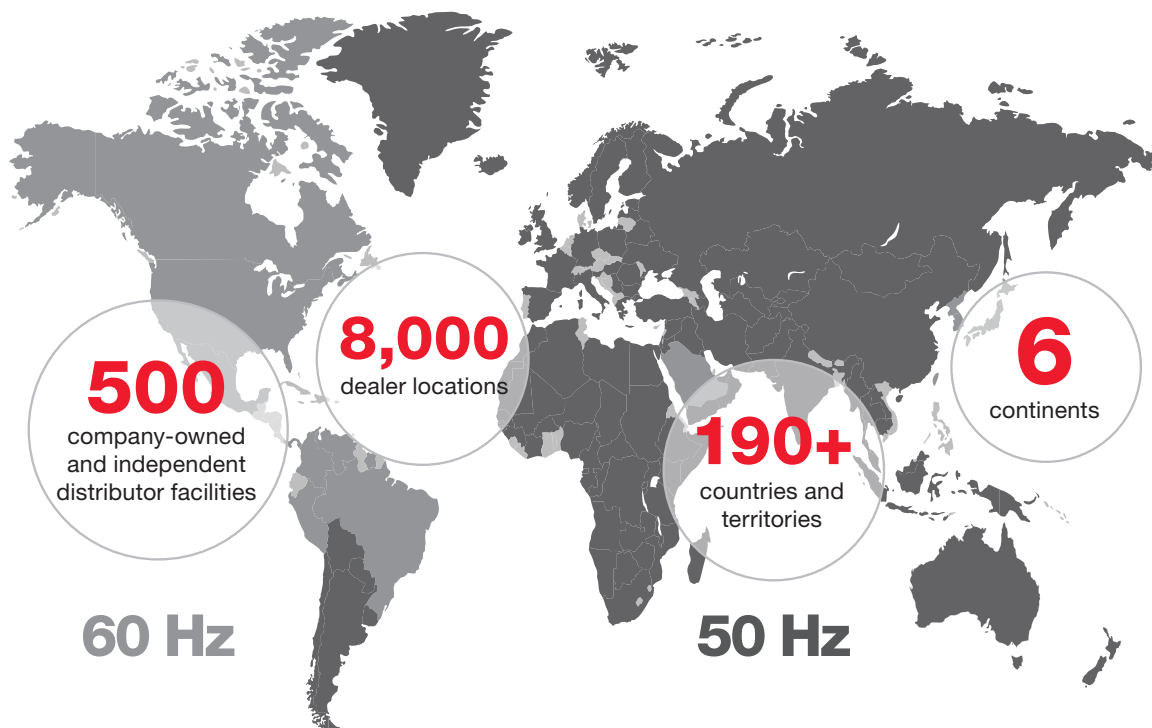


A SINGLE POINT OF CONTACT EVERY TIME

All Cummins service and support resources are managed through a single point of contact: your factory-direct account manager. Assigned specifically to you, your account manager gives you a direct line to the factory with no middlemen, ensuring rapid response from the entire service system.

Your knowledgeable, single-source contact is dedicated to saving you time and hassles while ensuring fast, reliable service every time.

WORLD-CLASS SERVICE AND SUPPORT NETWORK.



With the largest global and local support footprint in the industry, Cummins owns, trains and controls its entire distributor network. You'll always have a direct connection to the people who know the QSK60G best, with factory-level expertise available at every level.

Best-in-class aftermarket capabilities are provided through a dedicated local contact who is supported by a global system of service technicians, engineers and parts distribution centers, experienced in offering and servicing gas solutions to any power need. Technical support representatives always have the most up-to-date skills and equipment, with additional resources available on an as-needed basis. All Cummins parts distribution centers are linked by a fully integrated database, enabling you to search for parts anywhere in the world.

For more information about the QSK60G gas generator series, contact your local distributor or visit: cummins.tech/QSK60G.



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